

Reuse Portal Content Dissemination: Identifying Categories, Selection Criteria, Appraisal Process, and Description Specifications

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Prepared for Presentation at the
ESDS Joint WG Meeting Software Reuse Breakout Session October 25-27, 2005

Content Categories

- Events Calendar
- Bibliographic References with Links
- Software Reuse Case Studies
- Links to Sites on Reuse, Reusable Asset Collections, or Repositories
- Presentations on Reuse By Software Reuse WG Members

Events Calendar

- **Selection Criteria**

- Categories of Events Relevant to ESDS Software Reuse WG Interests
 - 1. Earth Science with Software Engineering Focus (Examples: ESIP, AGU, IGARSS)
 - 2. Significant Software Engineering Conferences that Focus on Reuse or Open Source (Examples: OSCON 2005)
 - 3. Earth or Space Science Events with Software Engineering Topics
 - 4. Scientific Software engineering Events with Reuse or Open Source Topics

- **Appraisal Process**

- Recommended by ESDS Software Reuse WG Member
- Approved by Majority Agreement among WG or Support Team Members
- Subsequent Approval Not Required for Previously Approved Annual Conferences

- **Dissemination Specifications**

- 1. Short Name -- title initials and year, such as oscon_2005
- 2. Title -- official event title, but keep it short
- 3. Event Location -- City, State (in US) or City, Country (outside US)
- 4. Event Type -- select the most appropriate choice from the menu
- 5. Description -- short description of the event, 2-3 lines, focusing on relevance to the community; keep it factual and avoid superlatives
- 6. Event URL -- provide one, if available
- 7. Event Start and event Ends -- enter the first and last days of the event; fill in times for single day events, leave times blank for multi-day events
- 8. Contact Name, E-mail, Phone -- omit/leave blank if an Event URL was provided

Bibliographic References with Links

- **Selection Criteria**
 - Articles Relevant to Earth Science Software Reuse
 - Relevance to Reuse (including Open Source) and Software Applicable to Earth Science
- **Appraisal Process**
 - Published in Peer-Reviewed Journal, Archive, or Proceedings
 - Accessible Online (Direct Link or by Catalog or Search Feature)
 - Recommended by ESDS Software Reuse WG Member
 - Reviewed Regularly for Broken Links (Removed if link is not accessible)
 - Approved by Majority Agreement among WG or Support Team Members
- **Description Specifications**
 - (Refer to Chicago Manual of Style)
 - Author Last Name, Initials. Year. Title, *Publication*, Volume (Issue), First Page Number-Last Page Number, Date and Location (if Presented). Available: URL (Accessed Date)
 - Inclusion of a title (event title, publication title, website title);
 - Inclusion a link to the resource, either internal or external, which should be checked periodically;
 - If link to the resource is not direct, the linked site must have a catalog or search feature to find and access the resource.

Software Reuse Case Studies

- **Software Reuse Case Studies – Selection Criteria**
 - Relevant to Scientific Software Reuse
- **Appraisal Process**
 - Submitted by ESDS Software Reuse WG Member
 - Approved by Majority Agreement among WG or Support Team Members
- **Description Specification**
 - Title, Author Last Name, Initials, Affiliation, Date

Links to Sites on Reuse, Reusable Asset Collections, or Repositories

Links to asset collections of interest to the Earth science community
(may later be extended to include space science)

- **Selection Criteria**
 - Site operated by government agency, educational institution, or reputable non-profit organization.
 - A reasonable proportion of assets are directly relevant to Earth science or some evidence of having been used in the context of an Earth science application.
 - Assets should have a user-friendly description and either be directly down-loadable or contact information should be provided so the asset can be acquired.
 - If the site lists more than a small number of assets the site should provide some sort of search mechanism.
- **Categories of Sites Considered:**
 - Significant Earth Science Software Collections, covering many areas within the field
 - Smaller Software collections in specific areas within Earth science
 - General scientific computing assets potentially useful for Earth science
 - Significant space science collection with some Earth science applicability?)
- **Appraisal Process**
 - Recommended by ESDS Software Reuse WG Member
 - Accessible Online (Direct Link)
 - Reviewed Regularly for Broken Links (Removed if link is not accessible)
 - Approved by Majority Agreement among WG or Support Team Members
- **Description Specification (Short Name, Title, Organization, Description, UR)**
 - Short Name: an abbreviated version of the site name, if applicable
 - Title: full site name, but shorten it if it is excessively long
 - Description: short description of the site providing an idea of the contents of the catalog/repository and the relevance of the site to the community
 - URL: address of the web site; links should point to the main page of the site if the catalog/repository is easily locatable from there and directly to the top level of the catalog/repository.

Presentations on Reuse By Software Reuse WG Members

- **Selection Criteria**
 - Articles Relevant to Earth Science Software Reuse
 - Relevance to Reuse (including Open Source) and Software Applicable to Earth Science
- **Appraisal Process**
 - Recommended by ESDS Software Reuse WG Member
 - Accessible Online (Direct Link or by Catalog or Search Feature)
 - Reviewed Regularly for Broken Links (Removed if link is not accessible)
 - Approved by Majority Agreement among WG or Support Team Members
- **Description Specifications**
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 - If link to the resource is not direct, the linked site must have a catalog or search feature to find and access the resource.